

<u>CLAIMS</u>

Ţ	Claim 1. (Previously Presented) A light distribution device compri	- I	
2	sing:	2	
3	a pair of light transmitting lens panels joined to form an integral ur	nit3	
4	having a common base portion, each of said lens panels having a geometric		
5	base, a front surface extending outwardly from one edge of said base and 5		
6	a rear surface extending outward from the opposite edge of said base and	6	
7	inclining toward the outer edge of said front surface,	7	
8	a recess formed adjacent the base of at least one of said lens panels	, 8	
9 .	and	9	
10	a light cartridge mounted within said recess in a manner to transmit	t 10	
11	light through said lens panels and to allow said panels to be assembled with	h 11	
12	said bases in abutting relation with an adjacent surface.	12	
1	Claim 2. (Canceled)		
1	Claim 3. (Previously Presented) The device of Claim 1 wherein:	1	
2	said base is rectangular.	2	
1	Claim 4. (Previously Presented) The device of Claim 1 wherein:	1	
2	said base is triangular.	2	

1	Claim 5. (Previously Presented) The device of Claim 1 wherein:	1
2	said rear surface is mirrored.	2
1	Claim 6. (Previously Presented) The device of Claim 1 wherein:	1
2	said rear surface is darkened.	2
1	Claim 7. (Previously Presented) The device of Claim 1 wherein:	1
2	said rear surface is granulated.	2
1	Claim 8. (Previously Presented) The device of Claim 1 wherein:	1
2	said rear surface is coated.	2
1	Claim 9. (Previously Presented) The device of Claim 1 further	1
2	comprising:	2
3	means external to said light distribution device delivering energy to	53
4	said light cartridge.	5
1	Claim 10. (Previously Presented) The device of Claim 9 wherein:	1
2	said external means supplies electrical energy to said cartridge.	2
1	Claim 11. (Previously Presented) The device of Claim 9 wherein:	1

1	Claim 12. (Previously Presented) The device of Claim 9 wherein:	1
2	said external device supplies optical energy to said cartridge.	2
1	Claim 13. (Previously Presented) The device of Claim 1 further	1
2	comprising:	2
3	means for controlling the amount of infrared radiation emitted by	3
4	said light panels.	4
1	Claim 14. (Previously Presented) The device of Claim 1 wherein:	1
2	said front surface is flat.	2
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1	Claim 15. (Previously Presented) The device of Claim 1 wherein:	1
2	said front surfaced is convex.	2
1	Claim 16. (Previously Presented) The device of Claim 1 wherein:	1
2	said front surface is concave.	2
1	Claim 17. (Previously Presented) The device of Claim 1 wherein:	1
2	said front surface is carved.	2
1	Claim 18. (Previously Presented) The device of Claim 1 wherein:	1
2	said front surface is textured.	2

1 2	Claim 19. (Previously Presented) The device of Claim 1 wherein: said front surface is etched.	1 2
	Claim 20. (Cancelled)	
1 2	Claim 21. (Previously Presented) The device of Claim 1 wherein: said front surface is sculpted.	1 2
1 2	Claim 22. (Previously Presented) The device of Claim 1 wherein: said front surface has material applied thereto to form letters.	1 2
1 2 3	Claim 23. (Previously Presented) The device of Claim 1 wherein: said front surface has material applied thereto to modify the light transmitted from said front surface.	1 2 3
1 2	Claim 24. (Previously Presented) The device of Claim 1 wherein: at least one of said lens panels contains a hollow portion.	1 2
1 2	Claim 25. (Previously Presented) The device of Claim 24 wherein said hollow portion of said lens panel is filled with fluid.	: 1 2
1	Claim 26. (Previously Presented) The device of Claim 1 wherein:	1

2	said light cartridge contains means for projecting television-like	2
3	signals onto said front surface of said light panel.	3
1	Claim 27. (Previously Presented) The device of Claim 1 comprising	ıg:1
2	at least two of said lens panels having their bases attached and	2
3	extending outwardly from said bases in opposing relation.	3
1	Claim 28. (Previously Presented) The device of Claim 1 comprising	ng:1
2	at least two of said lens panels having their bases attached and	2
3	extending outwardly from said bases with said front surfaces defining an	3
4	angle to each other.	4
1	Claim 29. (Previously Presesnted) The device of Claim 9 wherein	: 1
2	said light cartridge contains a light source and said delivering mea	ns2
3	is an electrical cable.	3
1	Claim 30. (Previously Presented) The device of Claim 9 wherein:	1
2	said delivering means is a light pipe.	2
1	Claim 31. (Previously Presented) The device of Claim 9 wherein:	1
2	said delivering means is a laser.	2
1	Claim 32. (Previously Presented) The device of Claim 1 wherein:	1

2	said cartridge includes light modifying means.
1	Claim 33. (Previously Presented) The device of Claim 32 wherein: 1
2	said light modifying means is a photomultiplier.
1	Claim 34. (Previously Presented) The device of Claim 32 wherein: 1
2	said light modifying means is a filter.
1	Claim 35. (Previously Presented) The device of Claim 32 wherein: 1
2	said cartridge contains a filter to pass only desired light frequencies 2
3	to said lens panel, and
4	a substance to be purified by said ultraviolet light is passed through4
5	said hollow portion of said lens panel. 5
1	Claim 36. (Previously Presented) The device of Claim 34 wherein: 1
2	said filter serves to control the amount of infrared light passed to 2
3	said light panels. 3
1	Claim 37. (Previously Presented) The device of Claim 1 wherein: 1
2	said device is mounted on the framing studs of a building to form a2
3	floor panel for a room within said building.
1	Claim 38. (Previously Presented) The device of Claim 1 wherein: 1

2	said device is mounted on the framing studs of a building to form a	2
3	wall panel for a room within said building.	3
1	Claim 39. (Previously Presented) The device of Claim 1 wherein:	1
2	said device is mounted on the framing studs of a building to form a	
3		3
1	Claim 40. (Previously Presented) The device of Claim 1 wherein:	1
2	said device is embedded in the ground to form a section of a	2
3	sidewalk.	3
1	Claim 41. (Previously Presented) The device of Claim 1 wherein:	1
2	said device is embedded in the ground to form a section of a road.	2
1	Claim 42. (Currently Amended) An article of furniture compri-	1
2	sing:	2
3	at least one light distribution device having a pair of light transmit-	3
4	ting lens panels having a base a front surface extending outwardly from	4
5	one edge of said base and a rear surface extending outwardly from the op-	5
6	posite edge of said base and inclining toward the outer edge of said front	6

7	surface	, and one of said lens panels formed with a recess adjacent said bas	e,7
8	and		8
9		a light cartridge mounted adjacent said base to transmit light	9
10	through	n said lens panel.	10
1		Claim 43. (Previously Presented) The device of Claim 1 wherein:	1
2		said lens panel is arcuate.	2
1		Claim 44. (Previously Presented) The device of Claim 1 wherein:	1
2		said device is mounted under water.	2
1 .		Claim 45. (Previously Presented) The device of Claim 1 wherein:	1
2		said device is mounted in an explosive atmosphere.	2
1		Claim 46. (Previously Presented) The device of Claim1 wherein:	1
2		said device serves to regulate the temperature of the surrounding	2
3	area.		3
1		Claim 47. (Previously Presented) The device of Claim 1 wherein:	1
2		said device serves as a sign.	2

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1	Claim 48. (Previously Presented) The device of Claim 32 wherein	;1
2	said light modifying means projects images into said lens panel.	2
1	Claim 49. (Previously Presented) The device of Claim 48 wherein:	1
2	said light modifying means is a television projection system	2
1	Claim 50. (Cancelled)	
1	Claim 51. (Previously Presented) A light-emitting structure	1
2	including:	2
3	at least two lens panels, each of said lens panels comprising:	3
4	a geometric base, a front surface extending outwardly from one	4
5	edge of said base and a rear surface extending outward from the opposite	5
6	edge of said base and inclining towaard the outer edge of said front surface	e;6
7	said lens panels being mounted in base to base relation; and	7
8	a light cartridge connecting said bases and serving to deliver light	8
9	through said lens panels.	9
1	Claim 52. (Currently Amended) A structure comprising at least on	e 1
2	light-emitting panel as a structural component thereof, said panel compri-	2
3	sing a base, a front surface extending outwardly from one edge of said bas	e 3
4	and a rear surface extending outward from the opposite edge of said base	4
5	and inclining toward the outer edge of said front surface,	5

	a recess formed adjacent the base of at least one of said lens pane	ls, 6
and		7
	a light cartridge mounted within said recess.	8
	Claim 53 (previously Presented) The structure of Claim 52 where	e- 1
in:	Claim 33. (previously 11656hear) The structure of Claim 32 where	2
111.	said structure is a piece of furniture.	3
	Claim 54. (Previously Presented) The structure of Claim 52 where	e- 1
in:		2
	said structure is a vehicle-bearing surface.	3
	Claim 55. (Currently Amended) The structure of Claim 52 where	in:1
	said light-emitting panel is hollow, and	2
	means for supplying fluid through said panel.	3
	Claim 56. (Currently Amended) The structure of Claim 52 where	in:1
	said structure is a sidewalk.	2
	Claim 57. (Previously Presented) The structure of Claim 56 when	e- 1
in:		2
	in:	and a light cartridge mounted within said recess. Claim 53. (previously Presented) The structure of Claim 52 where in: said structure is a piece of furniture. Claim 54. (Previously Presented) The structure of Claim 52 where in: said structure is a vehicle-bearing surface. Claim 55. (Currently Amended) The structure of Claim 52 where said light-emitting panel is hollow, and means for supplying fluid through said panel. Claim 56. (Currently Amended) The structure of Claim 52 where said structure is a sidewalk. Claim 57. (Previously Presented) The structure of Claim 56 where

3	said light-emitting panel is hollow, and	3
4	means for supplying hot fluid through said panel.	4
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1	Claim 58. (Previously Presented) The structure of Claim 52 where	
2	in:	2
3	said structure has an interior wall and said light-emitting panel for	ns3
4	a structural component of said interior wall.	4
1	Claim 59. (Previously Presented) The structure of Claim 52 where	- 1
2	in:	2
3	said structure has an exterior wall and said light-emitting panel	3
4	forms a structural component of said exterior wall.	4
1	Claim 60. (Previously Presented) The structure of Claim 52 where	in:1
2	said structure includes an architectural dome and said light-emittir	ng 2
3	panel forms a structural component of said dome.	3
1	Claim 61. (Previously Presented) The structure of Claim 52 where	in:1
2	said structure is hollow and includes means for passing a fluid	2
3	through said panel, and	3
4	means for passing ultraviolet light through said panel to treat said	4
5	fluid.	5